|   | Index of Claims |          |                                      |          |          |          |          |          |          |          |          |            |       |    | pplication/Control No. |       |           |                      |              |              |              |             |          | Applicant(s)/Patent under Reexamination |                                                  |            |          |           |                  |               |              |           |         |         |     |  |  |
|---|-----------------|----------|--------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|-------|----|------------------------|-------|-----------|----------------------|--------------|--------------|--------------|-------------|----------|-----------------------------------------|--------------------------------------------------|------------|----------|-----------|------------------|---------------|--------------|-----------|---------|---------|-----|--|--|
|   |                 | 1010     | <br>M                                | /U       |          | MII      | MN       |          |          |          | IIN      | III        |       |    |                        |       |           | 09/974.679           |              |              |              |             |          |                                         |                                                  |            |          |           | TSUBOUCHI ET AL. |               |              |           |         |         |     |  |  |
|   |                 |          |                                      |          |          |          |          |          |          |          |          | Ш          |       |    |                        |       | r         | Examiner             |              |              |              |             |          |                                         |                                                  |            |          | Art Unit  |                  |               |              |           |         |         |     |  |  |
|   |                 |          |                                      |          |          |          |          |          |          | Ш        | Ш        |            |       |    |                        |       |           | Phuongchau Ba Nguyen |              |              |              |             |          |                                         |                                                  | 2616       |          |           |                  |               |              |           |         |         |     |  |  |
|   |                 |          | √ Rejected — (Through nume Cancelled |          |          |          |          |          |          |          |          |            |       |    |                        | ora   | l)        | 7                    | N            | ,            | Non-Elect    |             |          | ted                                     |                                                  | A          | Appeal   |           |                  |               | 7            |           |         |         |     |  |  |
|   |                 |          | _                                    | Allowed  |          |          |          |          | -        | ,        |          | Restricted |       |    |                        |       |           |                      | ĥ            | ١,           | nte          | nterference |          |                                         |                                                  | 0          | Objected |           |                  | 1             |              |           |         |         |     |  |  |
|   |                 |          |                                      |          |          |          |          | <u> </u> |          | Ĺ        |          |            |       |    |                        |       |           |                      |              |              | <u> </u>     |             |          |                                         |                                                  |            |          |           |                  |               |              | ا<br>     |         | 1       |     |  |  |
|   | a               | ajm<br>I | L                                    |          | _        |          | Det      | T        |          | Γ-       | _        | Cledm      |       |    | Т                      | Dat   |           |                      |              |              | Γ            |             | _CI      | aim_                                    | ┢┑                                               | Data       |          |           | Т                | T             | ł            |           |         |         |     |  |  |
|   | Final           | Original | 8/22/06                              | 9-22-6   | 2-12-    |          |          |          |          |          |          |            | Final | 8  |                        |       | ļ         |                      |              |              |              |             |          |                                         | Flnei                                            | Original   |          |           |                  |               |              |           |         |         |     |  |  |
|   | 1               | 1        |                                      | 3        |          |          |          |          |          |          |          |            |       | 5  | ╛                      | $\pm$ | 1         | 士                    | 土            | 土            | t            | 上           | 上        |                                         |                                                  | 101        |          | $\exists$ | #                | #             | #            | #         | #       | 上       | ۱.  |  |  |
|   | て               | 3        | J                                    | 1        | 10       |          |          | Н        |          | L        | L        |            |       | 5  | <u>}</u>               | +     | +         | +                    | +            | ╁            | ╀            | ╀           | ├        |                                         |                                                  | 102<br>103 | Н        | +         | +                | +             | ╁            | ╁         | ╁       | ╀       | ł   |  |  |
|   | Ľ               | 4        | Ľ                                    |          | Ш        |          |          |          |          |          |          |            |       | 5  | ŧ٦                     | #     | #         | 1                    | #            | $\downarrow$ |              | 二           |          |                                         |                                                  | 104        |          |           | #                | #             | #            | #         | 1       | I       | 1   |  |  |
|   |                 | 5        | ┞                                    | $\vdash$ | $\vdash$ | ┞        | -        | Н        | H        | ┞        | $\vdash$ |            |       | 5  |                        | +     | ╀         | ╬                    | ╁            | ╁            | ╁            | ╁           | ┝        |                                         |                                                  | 105<br>106 | Н        | $\dashv$  | ╁                | +             | +            | +         | +       | ╁       | ł   |  |  |
|   |                 | 7        | L                                    |          | Ш        |          |          |          |          |          |          |            |       | 5  | 7                      | 丰     | 1         | 士                    | 1            | 1            |              |             |          |                                         |                                                  | 107        |          | $\exists$ | コ                | #             | #            | #         | 丰       | I       | 1   |  |  |
|   |                 | 8        |                                      |          |          | Г        |          | Н        | H        | ┡        | L        |            |       | 5  | 計                      | +     | ╀         | ╀                    | ╀            | ╀            | ╀            | ╀           | ┝        |                                         |                                                  | 108<br>109 | Н        | +         | +                | +             | +            | +         | ╫       | ╀       | ł   |  |  |
| • |                 | 10       |                                      |          |          |          |          | Н        |          |          |          |            |       | 6  | <u> </u>               | 士     | 士         | 土                    | 1            | 1            | T            |             |          |                                         |                                                  | 110        |          |           | コ                | 士             | 1            | 1         | $\perp$ |         |     |  |  |
|   |                 | 11       | Ļ                                    | Ī        |          |          |          |          | Ц        |          |          |            | _     | 6  |                        | 4     | 4         | 1                    | 1            | 1            | ╀            | -           | L        |                                         | <u> </u>                                         | 111        | Н        | -         | +                | +             | +            | +         |         | ╀       | ł   |  |  |
|   | 3               | 12<br>13 | ╁                                    | 11 11    | #] H     | ┝        | -        | Н        | Ι        | ⊢        | ┝        |            |       | 6  |                        | +     | +         | ╁                    | 十            | ╁            | ╁╌           | ╁           | ┝        |                                         |                                                  | 113        | Н        | ┪         | 十                | +             | +            | 十         | 十       | +       | 1   |  |  |
|   |                 | 14       | 0                                    |          |          |          |          |          |          |          |          |            |       | 6  | •                      | #     | 1         | 1                    | 1            | L            | L            |             |          |                                         |                                                  | 114        |          |           | $\sqsupset$      | 7             | 1            | Ţ         | I       | L       | ]   |  |  |
|   | 5               | 15<br>16 | 1                                    | 11       | 11 11    |          | ┞        | Н        | H        | L        | ┝        |            |       | 6  |                        | +     | ╬         | +                    | ╀            | ╁            | ╁            | H           | ⊢        |                                         | $\vdash$                                         | 115<br>116 | Н        | ┥         | +                | ╁             | +            | +         | +-      | ╁       | ł   |  |  |
|   | ┝               | 17       | ۲                                    | Ē        | í        |          | H        |          | Н        |          |          |            |       | 6  | 7                      | $\pm$ | 士         | 土                    | 土            | t            | L            | İ           |          |                                         |                                                  | 117        |          | ゴ         | コ                | コ             | ユ            | 1         | 工       | 上       | 1   |  |  |
|   | 匚               | 18       |                                      |          | П        |          |          |          |          | L        |          |            |       | 6  |                        | 4     | 7         | 4                    | 1            | $\downarrow$ | _            | L           | F        |                                         |                                                  | 118<br>119 |          | 4         | +                | 4             | 4            | +         | +       | ╀       | ┨   |  |  |
|   | ├─              | 19<br>20 | H                                    | Н        | Н        | ⊢        | ┝        | Н        | $\vdash$ | ┢        | ┢        |            | -     | 7  |                        | ╁     | +         | +                    | ╁            | t            | ╁            | 十           | $\vdash$ |                                         |                                                  | 120        | H        | 7         | ╅                | +             | +            | $\dagger$ | ╅       | 士       | 1   |  |  |
|   |                 | 21       |                                      |          |          |          |          |          |          |          | Ē        |            |       | 7  | П                      | Ţ     | 1         | 1                    | 1            | I            | Γ            | Γ           |          |                                         |                                                  | 121        |          | $\Box$    | $\dashv$         | Ţ             | $\downarrow$ | 7         | Ţ       | I       | ] ′ |  |  |
|   | <u> </u>        | 22 23    | H                                    | Н        | Н        | L        | H        | Н        | L        | _        | H        |            | _     | 7  | 2                      | +     | ╁         | ╁                    | ╁            | ╁            | ╁            | ╁           | ┝        |                                         |                                                  | 122<br>123 | Н        | $\dashv$  | -+               | +             | +            | +         | +       | ╁╌      | ł   |  |  |
|   |                 | 24       |                                      | H        |          | $\vdash$ |          |          |          |          | $\vdash$ |            |       | 7  | •                      | 士     | 1         | 士                    | 土            | İ            | 仜            |             | L        |                                         |                                                  | 124        |          | 1         | コ                | 士             | 1            | 土         | 土       |         | 1   |  |  |
|   |                 | 25       | Г                                    |          |          |          |          |          |          |          |          |            |       | 7  |                        | 4     | 4         | 1                    | $\downarrow$ | Ļ            | $oxed{\bot}$ | $\perp$     | L        |                                         |                                                  | 125        | $\sqcup$ | -         | $\dashv$         | 4             | 4            | +         | +       | ╀       | ł   |  |  |
|   | —               | 26<br>27 | ⊢                                    | ├        | $\vdash$ | ┝        | Н        | Н        | -        | ┝        | ┝        |            | -     | 7  |                        | ╅     | ╅         | ╁                    | ┿            | ╁            | ╁╴           | ╁           | ┝        |                                         | $\vdash$                                         | 126<br>127 | $\vdash$ | $\dashv$  | +                | +             | $\dashv$     | +         | +       | ┿       | 1   |  |  |
|   |                 | 28       |                                      |          |          |          |          |          |          | 匚        | 匚        |            |       | 7  | В                      | 1     | 1         | 土                    | 工            | 1            |              | L           |          |                                         |                                                  | 128        |          | $\Box$    | コ                | 1             | 1            | 1         | I       |         | 1   |  |  |
|   | <u> </u>        | 29<br>30 | L                                    | _        | Н        | L        | L        | Н        |          | L        | L        |            | _     | 8  |                        | +     | +         |                      | ╀            | -            | ╁┈           | ╀           | ╀        |                                         | <u> </u>                                         | 129<br>130 |          | +         | +                | +             | +            | +         | +       | ╀╌      | ┨   |  |  |
|   |                 | 31       |                                      | H        | Н        | ┝        |          | Н        | H        | ┢        | H        |            | -     | 18 | _                      | 十     | $\dagger$ | $\dagger$            | ╁            | t            | T            | T           |          |                                         |                                                  | 131        |          |           | $\exists$        | I             | 士            | 士         | 士       | 土       | 1   |  |  |
|   |                 | 32       |                                      |          |          |          |          |          |          |          |          |            |       | 8  |                        | Ŧ     | Ŧ         | Ŧ                    | Ŧ            | Į            | L            | L           | L        |                                         | <u> </u>                                         | 132<br>133 | $\perp$  | $\dashv$  | 4                | 4             | 4            | 4         | +       | 1       | }   |  |  |
|   |                 | នុង      | H                                    | Н        | Н        | ┝        | -        | Н        | _        | ┝        | $\vdash$ |            |       | 8  |                        | +     | +         | +                    | ╁            | ╁            | t            | ╁╌          | ╁╌       |                                         | <del>                                     </del> | 134        | ╁        | ᅥ         | $\dashv$         | +             | $\dagger$    | +         | ╁       | 十       | 1   |  |  |
|   |                 | 35       |                                      |          |          |          |          |          | П        |          |          |            |       | 8  | 5                      | 1     | 1         | 1                    | 1            | L            | Γ            | L           |          |                                         |                                                  | 135        |          | $\Box$    | $\Box$           | ightharpoonup | 1            | 1         | T       |         | ]   |  |  |
|   | ├               | 38<br>37 | ┞                                    | Н        | _        | ├        | ┡        | Н        | H        | ┡        | ├        |            | -     | 8  |                        | ╁     | +         | ╁                    | ╁            | ╀            | ╁            | ┿           | ┝        |                                         |                                                  | 136<br>137 | Н        | $\dashv$  | -+               | +             | +            | ╁         | ╌┼╌     | ╁       | ┨   |  |  |
|   |                 | 38       |                                      |          |          |          |          |          |          | E        |          |            |       | 8  | В                      | 士     | $\pm$     | $\pm$                | 土            | 1            |              | İ           | 上        |                                         |                                                  | 138        |          | $\Box$    | コ                | 1             | 1            | #         | 土       | 工       | 1   |  |  |
|   |                 | 39       |                                      |          | Н        |          |          |          |          | L        |          |            |       | 8  |                        | 4     | 4         | 7                    | Ŧ            | ╁            | L            | ╀           | L        |                                         |                                                  | 139<br>140 | H        | $\dashv$  | +                | +             | +            | +         | +       | ╀       | ł   |  |  |
|   | $\vdash$        | 40<br>41 | $\vdash$                             | Н        | Н        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -        |            | H     | 9  |                        | +     | +         | +                    | 十            | 十            | $^{+}$       | t           | t        |                                         |                                                  | 141        |          | $\exists$ | 士                | <u> </u>      | 士            | 士         | 士       | $\perp$ | 1   |  |  |
|   |                 | 42       |                                      | П        | 口        | Г        |          | 口        |          |          |          |            |       | 9  | 2]                     | 丰     | 1         | 7                    | T            | I            | L            | F           | Г        |                                         |                                                  | 142        |          | 口         | 4                | Ţ             | 7            | 1         | T       | F       | ]   |  |  |
|   | $\vdash$        | 44       | Н                                    | Н        | Н        | H        | -        | Н        |          | $\vdash$ | $\vdash$ |            | -     | 9  |                        | +     | +         | +                    | ╁            | ╁            | ╀            | ╁           | ╀        |                                         | <b>—</b>                                         | 143        |          | $\dashv$  | +                | +             | +            | +         | +-      | ╁╌      | ł   |  |  |
|   |                 | 45       |                                      | □        |          |          |          | d        |          |          |          |            |       | 9  | 5                      | 士     | 1         | 土                    | 土            | 1            |              |             |          |                                         |                                                  | 145        |          |           | #                | 士             | 1            | 土         | 士       | T       | 1   |  |  |
|   | <u> </u>        | 46<br>47 | H                                    | Н        | Н        | <u> </u> | H        | $\dashv$ |          | L        | 匚        |            |       | 9  | _                      | 4     | Ŧ         | 4                    | $\perp$      | 1            | F            | -           | 1        |                                         | -                                                | 146<br>147 | $\vdash$ | +         | 4                | +             | +            | +         | +       | +       | ł   |  |  |
|   |                 | 48       |                                      | Н        | H        | H        | Н        | H        | _        | $\vdash$ | $\vdash$ |            |       | 8  |                        | $\pm$ | +         | +                    | 士            | t            | t            | T           | t        |                                         |                                                  | 148        |          | _         | 士                | 士             | 士            | 士         | 士       | 上       | 1   |  |  |
|   |                 | 49<br>50 | П                                    | П        | П        | $\Box$   | П        | П        |          | F        | 匚        |            |       | 8  |                        | Ţ     | 1         | Ţ                    | T            | F            | F            | Γ           | F        |                                         |                                                  | 149<br>150 | П        | $\dashv$  | 4                | 4             | 4            | 4         | 工       | F       | 1   |  |  |
|   |                 | DC 1     |                                      | ıl       |          |          |          |          |          |          | ı,       | 41111      |       | 10 | IJΙ                    |       |           | 1                    |              |              | 1            | •           | 1        | 1:::::                                  | :                                                | 130        | 1 1      | 1         | - 1              |               |              | - 1       | - 1     |         | 1   |  |  |